

Massachusetts Health Care Quality and Cost Information
Surgeon Volume by Hospital, FY04
Carotid Endarterectomy

Baystate Medical Center

Total number of carotid endarterectomies done at this hospital	191	
Hospital cost category for carotid endarterectomy ¹	\$\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Berman, Joel	47	60
Berman, Lorraine Mayer-Wolpe	15	21
Kaufman, Jeffrey	19	27
Norris, Marc	20	29
Rhee, Sang	66	85
# performed by surgeons who each did fewer than 10 procedures ²	3	n/a

Berkshire Medical Center

Total number of carotid endarterectomies done at this hospital	103	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Cohn, Michael	23	23
Curletti, Eugene	12	12
Sadighi, Parvis	64	64
# performed by surgeons who each did fewer than 10 procedures ²	3	n/a

Beth Israel Deaconess Medical Center

Total number of carotid endarterectomies done at this hospital	171	
Hospital cost category for carotid endarterectomy ¹	\$\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Campbell, David	86	88
Hamdan, Allen	17	17
Pomposelli, Frank	46	46
# performed by surgeons who each did fewer than 10 procedures ²	19	n/a

Boston Medical Center

Total number of carotid endarterectomies done at this hospital	35	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Gibbons, Gary	2	20
Menzoian, James	22	22
# performed by surgeons who each did fewer than 10 procedures ²	10	n/a

Brigham and Women's Hospital

Total number of carotid endarterectomies done at this hospital	127	
Hospital cost category for carotid endarterectomy ¹	\$\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Belkin, Michael	59	72
Conte, Michael	12	12
Day, Arthur	12	12

Donaldson, Magruder	1	10
Whittemore, Anthony	10	10
# performed by surgeons who each did fewer than 10 procedures ²	23	n/a
Brockton Hospital		
Total number of carotid endarterectomies done at this hospital	37	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Ambrosino, John	25	25
McCoobery, Michael	6	12
# performed by surgeons who each did fewer than 10 procedures ²	6	n/a
Cambridge Health Alliance - Cambridge Campus		
Total number of carotid endarterectomies done at this hospital	12	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
# performed by surgeons who each did fewer than 10 procedures ²	12	n/a
Cambridge Health Alliance - Whidden Memorial Campus		
Total number of carotid endarterectomies done at this hospital	20	\$\$
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Samaha, Maher	19	32
# performed by surgeons who each did fewer than 10 procedures ²	1	n/a
Cape Cod Hospital		
Total number of carotid endarterectomies done at this hospital	78	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Brooks, Stephen	30	30
Gorin, Daniel Ray	32	32
Novak, Lawrence	12	12
# performed by surgeons who each did fewer than 10 procedures ²	4	n/a
Caritas Carney Hospital		
Total number of carotid endarterectomies done at this hospital	24	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Kechejian, Gregory	6	15
McBride, Kevin	15	15
# performed by surgeons who each did fewer than 10 procedures ²	3	n/a
Caritas Good Samaritan Medical Center		
Total number of carotid endarterectomies done at this hospital	66	
Hospital cost category for carotid endarterectomy ¹	\$	

Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Corey, Christopher	55	55
Mccoobery, Michael	6	12
# performed by surgeons who each did fewer than 10 procedures ²	5	n/a
Caritas Holy Family Hospital and Medical Center		
Total number of carotid endarterectomies done at this hospital	49	
Hospital cost category for carotid endarterectomy ¹	\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Gonsalves, Arthur	10	24
Muto, Paula Maria	7	14
Pare, Gary	22	37
# performed by surgeons who each did fewer than 10 procedures ²	2	n/a
Caritas Norwood Hospital		
Total number of carotid endarterectomies done at this hospital	47	
Hospital cost category for carotid endarterectomy ¹	\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Frasca, John	17	17
Nannery, William Mark	25	25
# performed by surgeons who each did fewer than 10 procedures ²	5	n/a
Caritas St. Elizabeth's Medical Center		
Total number of carotid endarterectomies done at this hospital	25	
Hospital cost category for carotid endarterectomy ¹	\$\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Razvi, Syed	25	25
# performed by surgeons who each did fewer than 10 procedures ²	0	n/a
Emerson Hospital		
Total number of carotid endarterectomies done at this hospital	13	
Hospital cost category for carotid endarterectomy ¹	\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Hoenig, Stephen John	10	71
# performed by surgeons who each did fewer than 10 procedures ²	3	n/a
Falmouth Hospital		
Total number of carotid endarterectomies done at this hospital	59	
Hospital cost category for carotid endarterectomy ¹	\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Knox, James	57	57
# performed by surgeons who each did fewer than 10 procedures ²	2	n/a
Faulkner Hospital		
Total number of carotid endarterectomies done at this hospital	15	
Hospital cost category for carotid endarterectomy ¹	\$\$	

Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Belkin, Michael	13	72
# performed by surgeons who each did fewer than 10 procedures ²	1	n/a
Hallmark Health System - Lawrence Memorial Hospital Campus		
Total number of carotid endarterectomies done at this hospital	31	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Chang, Jeanette	19	24
Nath, Ronald	9	22
Vittimberga, Frank	1	32
# performed by surgeons who each did fewer than 10 procedures ²	1	n/a
Hallmark Health System - Melrose-Wakefield Hospital Campus		
Total number of carotid endarterectomies done at this hospital	54	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Haynes, Henry	30	30
Nath, Ronald	1	22
Samaha, Maher	13	32
# performed by surgeons who each did fewer than 10 procedures ²	10	n/a
HealthAlliance Hospitals, Inc.		
Total number of carotid endarterectomies done at this hospital	61	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Hoenig, Stephen John	61	71
# performed by surgeons who each did fewer than 10 procedures ²	0	n/a
Holyoke Medical Center		
Total number of carotid endarterectomies done at this hospital	51	
Hospital cost category for carotid endarterectomy ¹	\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Goodman, Robert	41	67
Rhee, Sang	4	85
# performed by surgeons who each did fewer than 10 procedures ²	5	n/a
Jordan Hospital		
Total number of carotid endarterectomies done at this hospital	1	
Hospital cost category for carotid endarterectomy ¹	\$\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
# performed by surgeons who each did fewer than 10 procedures ²	1	n/a
Lahey Clinic -- Burlington Campus		
Total number of carotid endarterectomies done at this hospital	82	

Hospital cost category for carotid endarterectomy ¹	\$\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Jewell, Edward	36	36
Raflery, Kevin Barry	20	20
Welch, Harold	17	17
# performed by surgeons who each did fewer than 10 procedures ²	1	n/a
Lawrence General Hospital		
Total number of carotid endarterectomies done at this hospital	38	
Hospital cost category for carotid endarterectomy ¹	\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Gonsalves, Arthur	14	24
Muto, Paula Maria	7	14
Pare, Gary	15	37
# performed by surgeons who each did fewer than 10 procedures ²	0	n/a
Lowell General Hospital		
Total number of carotid endarterectomies done at this hospital	49	
Hospital cost category for carotid endarterectomy ¹	\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Burke, Paul	44	88
# performed by surgeons who each did fewer than 10 procedures ²	5	n/a
Marlborough Hospital		
Total number of carotid endarterectomies done at this hospital	8	
Hospital cost category for carotid endarterectomy ¹	\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Landa, Raul	8	21
# performed by surgeons who each did fewer than 10 procedures ²	0	n/a
Massachusetts General Hospital		
Total number of carotid endarterectomies done at this hospital	269	
Hospital cost category for carotid endarterectomy ¹	\$\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Brewster, David	23	23
Cambria, Richard	88	88
Carter, Bob	14	14
Kwolek, Christopher	16	16
Lamuraglia, Glenn	60	60
Ogilvy, Christopher	53	53
# performed by surgeons who each did fewer than 10 procedures ²	15	n/a
Mercy Medical Center		
Total number of carotid endarterectomies done at this hospital	80	
Hospital cost category for carotid endarterectomy ¹	\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts

Berman, Joel	13	60
Berman, Lorraine Mayer-Wolpe	6	21
Goodman, Robert	26	67
Kaufman, Jeffrey	8	27
Norris, Marc	9	29
Rhee, Sang	15	85
# performed by surgeons who each did fewer than 10 procedures ²	3	n/a
Merrimack Valley Hospital		
Total number of carotid endarterectomies done at this hospital	4	
Hospital cost category for carotid endarterectomy ¹	\$\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
# performed by surgeons who each did fewer than 10 procedures ²	4	n/a
MetroWest Medical Center - Framingham Campus		
Total number of carotid endarterectomies done at this hospital	32	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Miller, Arnold	23	23
# performed by surgeons who each did fewer than 10 procedures ²	8	n/a
MetroWest Medical Center - Leonard Morse Campus		
Total number of carotid endarterectomies done at this hospital	23	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Donaldson, Magruder	9	10
Landa, Raul	13	21
# performed by surgeons who each did fewer than 10 procedures ²	0	n/a
Milton Hospital		
Total number of carotid endarterectomies done at this hospital	7	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Kechejian, Gregory	7	15
# performed by surgeons who each did fewer than 10 procedures ²	0	n/a
Morton Hospital and Medical Center		
Total number of carotid endarterectomies done at this hospital	5	
Hospital cost category for carotid endarterectomy ¹	\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Estes, James Mark	1	16
# performed by surgeons who each did fewer than 10 procedures ²	0	n/a
Mount Auburn Hospital		
Total number of carotid endarterectomies done at this hospital	65	
Hospital cost category for carotid endarterectomy ¹	\$\$\$	

Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Bartlett, Frederick	23	23
Kasparian, Armen	11	11
Vittimberga, Frank	31	32
# performed by surgeons who each did fewer than 10 procedures ²	0	n/a
New England Baptist Hospital		
Total number of carotid endarterectomies done at this hospital	3	
Hospital cost category for carotid endarterectomy ¹	\$\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Campbell, David	2	88
Pomposelli, Frank	1	47
# performed by surgeons who each did fewer than 10 procedures ²	0	n/a
Newton-Wellesley Hospital		
Total number of carotid endarterectomies done at this hospital	25	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Gembarowicz, Ronald	15	15
# performed by surgeons who each did fewer than 10 procedures ²	10	n/a
Noble Hospital		
Total number of carotid endarterectomies done at this hospital	32	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Centeno, Carolino	30	30
# performed by surgeons who each did fewer than 10 procedures ²	1	n/a
North Adams Regional Hospital		
Total number of carotid endarterectomies done at this hospital	17	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Baisch, Tim Joseph	17	17
# performed by surgeons who each did fewer than 10 procedures ²	0	n/a
North Shore Medical Center, Inc. - Salem Campus		
Total number of carotid endarterectomies done at this hospital	63	
Hospital cost category for carotid endarterectomy ¹	\$\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Goldberg, Larry	6	14
Goodenough, Richard	38	38
Johnson, Hubert	1	21
Ledig, Carl	13	17
# performed by surgeons who each did fewer than 10 procedures ²	5	n/a
North Shore Medical Center, Inc. - Union Campus		

Total number of carotid endarterectomies done at this hospital	32	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Goldberg, Larry	8	14
Johnson, Hubert	20	21
Ledig, Carl	4	17
# performed by surgeons who each did fewer than 10 procedures ²	0	n/a
Northeast Health System - Addison Gilbert Campus		
Total number of carotid endarterectomies done at this hospital	5	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
# performed by surgeons who each did fewer than 10 procedures ²	5	n/a
Northeast Health System - Beverly Campus		
Total number of carotid endarterectomies done at this hospital	54	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Frissora, Henry	16	16
Maloney, Randolph	23	23
# performed by surgeons who each did fewer than 10 procedures ²	14	n/a
Quincy Medical Center		
Total number of carotid endarterectomies done at this hospital	27	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Gibbons, Gary	18	20
Kechejian, Gregory	2	15
# performed by surgeons who each did fewer than 10 procedures ²	7	n/a
Saint Anne's Hospital		
Total number of carotid endarterectomies done at this hospital	16	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Eid, Ibrahim	10	17
Quatromoni, John	5	34
# performed by surgeons who each did fewer than 10 procedures ²	1	n/a
Saint Vincent Hospital		
Total number of carotid endarterectomies done at this hospital	114	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Josephs, Leon	35	35
Maini, Baltej	19	19
Najjar, John	48	48
# performed by surgeons who each did fewer than 10 procedures ²	8	n/a

Saints Memorial Medical Center		
Total number of carotid endarterectomies done at this hospital	46	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Burke, Paul	44	88
# performed by surgeons who each did fewer than 10 procedures ²	2	n/a
South Shore Hospital		
Total number of carotid endarterectomies done at this hospital	38	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Ferrante, Giovanni	18	18
# performed by surgeons who each did fewer than 10 procedures ²	19	n/a
Southcoast Hospitals Group - Charlton Memorial Campus		
Total number of carotid endarterectomies done at this hospital	48	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Eid, Ibrahim	7	17
Quatromoni, John	29	34
# performed by surgeons who each did fewer than 10 procedures ²	11	n/a
Southcoast Hospitals Group - St. Luke's Campus		
Total number of carotid endarterectomies done at this hospital	84	
Hospital cost category for carotid endarterectomy ¹	\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Keith, Stephen Leighton	38	38
Rosen, Roger	46	46
# performed by surgeons who each did fewer than 10 procedures ²	0	n/a
Sturdy Memorial Hospital		
Total number of carotid endarterectomies done at this hospital	29	
Hospital cost category for carotid endarterectomy ¹	\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Mahesh, Kenkre	29	29
# performed by surgeons who each did fewer than 10 procedures ²	0	n/a
Tufts-New England Medical Center		
Total number of carotid endarterectomies done at this hospital	57	
Hospital cost category for carotid endarterectomy ¹	\$\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Estes, James Mark	15	16
Mackey, William	21	21
# performed by surgeons who each did fewer than 10 procedures ²	8	n/a

UMass Memorial Medical Center		
Total number of carotid endarterectomies done at this hospital	160	
Hospital cost category for carotid endarterectomy ¹	\$\$\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Arous, Elias	37	37
Cutler, Bruce	42	42
Rohrer, Michael	27	27
Whitten, Richard	31	31
# performed by surgeons who each did fewer than 10 procedures ²	23	n/a
Winchester Hospital		
Total number of carotid endarterectomies done at this hospital	52	
Hospital cost category for carotid endarterectomy ¹	\$	
Surgeon Name:	Number of procedures surgeon did at this hospital	Total number of procedures surgeon did in Massachusetts
Breckwoldt, William Lawrence	19	19
Chang, Jeanette	5	24
Nath, Ronald	12	22
# performed by surgeons who each did fewer than 10 procedures ²	16	n/a
Footnotes:		
¹ Hospital Cost Category (surgeon fee not included):		
\$ = Hospitals in the lowest 25% of costs. Cost = less than \$5,206.		
\$\$ = Hospitals in the middle 50% of costs. Cost = \$5,206 - \$9,319.		
\$\$\$ = Hospitals in the highest 25% of costs. Cost = greater than \$9,319.		
² Surgeons are not individually listed if they performed fewer than 10 procedures statewide.		
Technical notes:		
DHCFP Hospital Discharge Data and 403 Hospital Cost Report. Cost reported at the hospital organization level. Hospital corrections to the DHCFP Hospital Discharge Data have been included.		
Volume was determined based on discharges with ICD-9-CM procedure code of 38.12 (Endarterectomy, other vessels of head and neck). Note that hospital volume was determined by the presence of this procedure code in any of the procedure fields, whereas physician volume was determined by the presence of this procedure code in the primary procedure field only.		